

03050208-080

(Cypress Creek)

General Description

Watershed 03050208-080 is located in Hampton and Jasper Counties and consists primarily of the **Cypress Creek** and its tributaries. The watershed occupies 54,060 acres of the Lower Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Albany-Pelham-Ocilla-Chipley series. The erodibility of the soil (K) averages 0.13, and the slope of the terrain averages 1%, with a range of 0-2%. Land use/land cover in the watershed includes: 44.2% forested land, 27.6% agricultural land, 22.6% forested wetland, 4.7% barren land, 0.5% nonforested wetland, 0.3% water, and 0.1% urban land.

Cypress Creek originates near the Town of Furman and accepts drainage from Cane Gall, Johns Pen Creek (Zigzag Branch) and Beaverdam Branch before flowing into the Coosawhatchie River. There are a total of 29.5 stream miles and 6.9 acres of lake waters in this watershed, all classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
CSTL-582	BIO	FW	CYPRESS CREEK AT SC 3
CSTL-122	W	FW	CYPRESS CREEK AT S-27-108

Cypress Creek – There are two monitoring sites along Cypress Creek. Aquatic life uses are fully supported at the upstream site (**CSTL-582**) based on macroinvertebrate community data. At the downstream site (**CSTL-122**), aquatic life uses are also fully supported. This is a blackwater system, characterized by naturally low pH and dissolved oxygen concentrations. Although dissolved oxygen and pH excursions occurred, they were typical of values seen in blackwater systems and are considered natural, not standards violations. Recreational uses are partially supported due to fecal coliform bacteria excursions.

Groundwater Quality

<u>Well #</u>	<u>Class</u>	<u>Aquifer</u>	<u>Location</u>
AMB-099	GB	TERTIARY LIMESTONE	GRAYS
AMB-114	GB	TERTIARY LIMESTONE	WSBH RADIO

All water samples collected from ambient monitoring wells **AMB-099** and **AMB-114** met standards for Class GB groundwater.

Growth Potential

There is a low potential for growth in this watershed, which contains a portion of the Town of Furman.